

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059663.D
 Acq On : 31 Jul 2018 19:47
 Operator : VA/AP
 Sample : J4228-04
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.B(8.0)-1A

Quant Time: Aug 01 07:06:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	18903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	29739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	28423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	15236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	23912	100.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.24%	
35) Dibromofluoromethane	5.51	113	16114	63.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.32%	
50) Toluene-d8	8.68	98	29861	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.92	95	16217	62.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.42%	

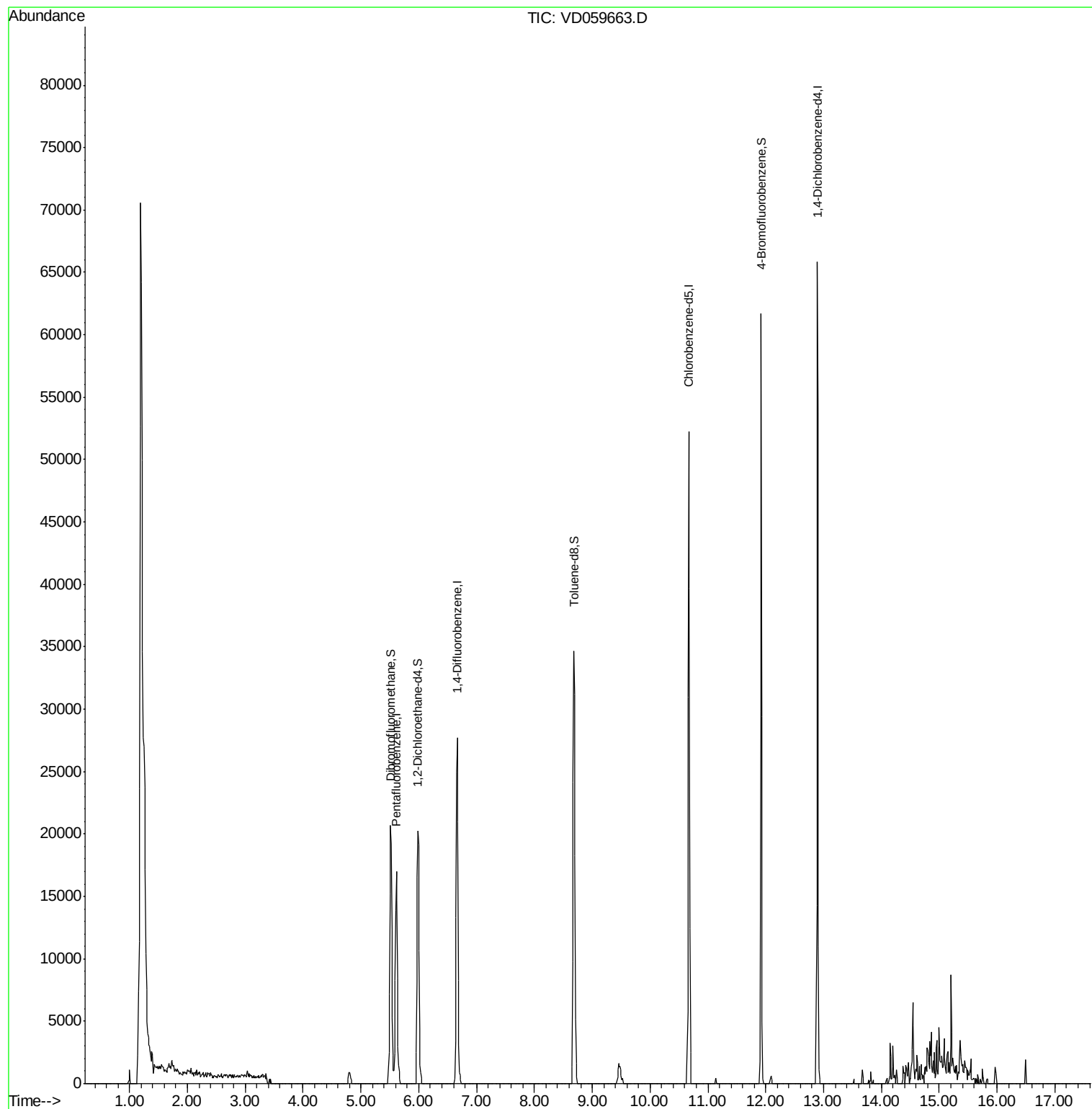
Target Compounds	Qvalue

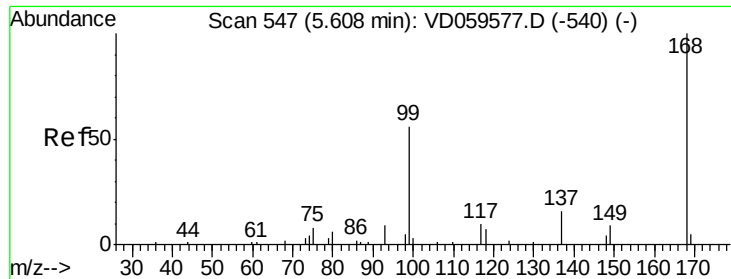
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
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Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 548

Delta R.T. 0.00 min

Lab File: VD059663.D

Acq: 31 Jul 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

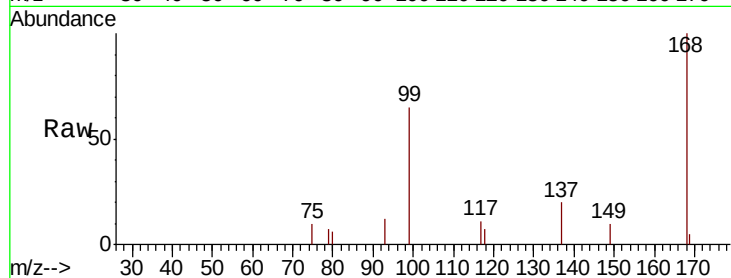
G.L.B(8.0)-1A

Tot Ion:168 Resp: 18903

Ion Ratio Lower Upper

168 100

99 64.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

6000

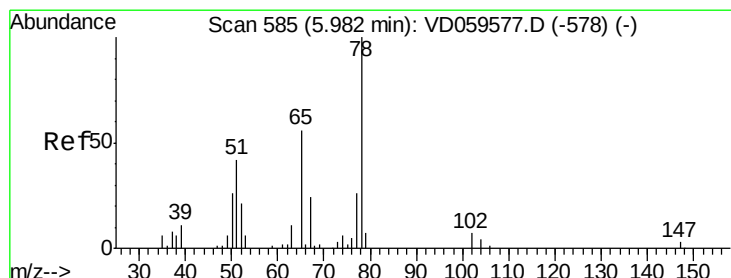
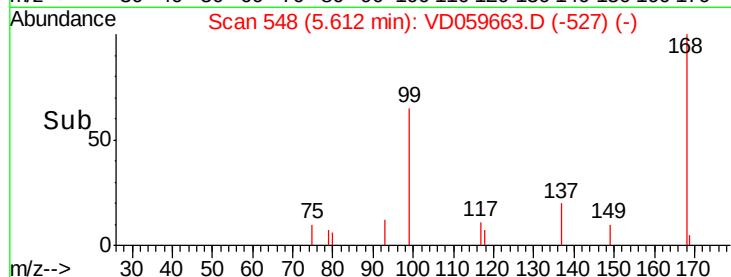
4000

2000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.00 min

Lab File: VD059663.D

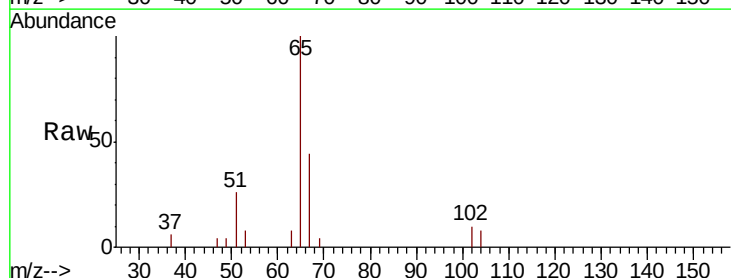
Acq: 31 Jul 2018 19:47

Tgt Ion: 65 Resp: 23912

Ion Ratio Lower Upper

65 100

67 44.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.99

10000

8000

6000

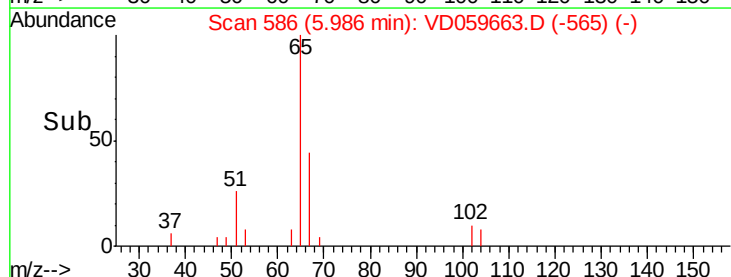
4000

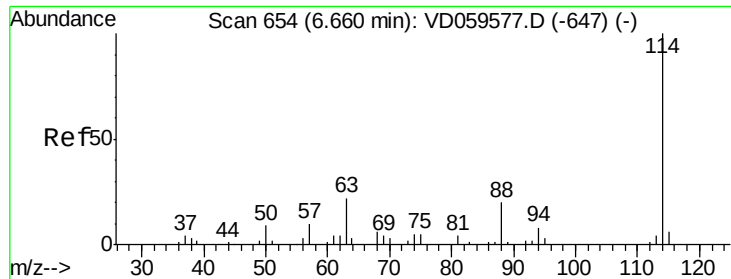
2000

0

Time-->

5.90 5.95 6.00 6.05 6.10

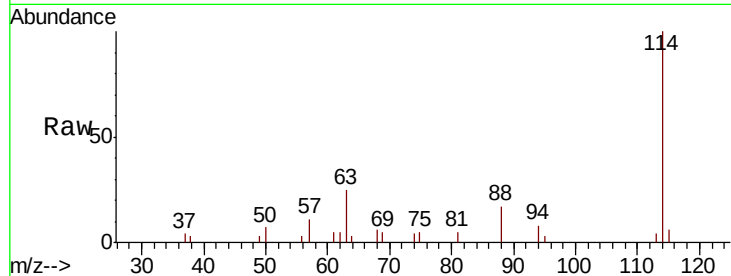




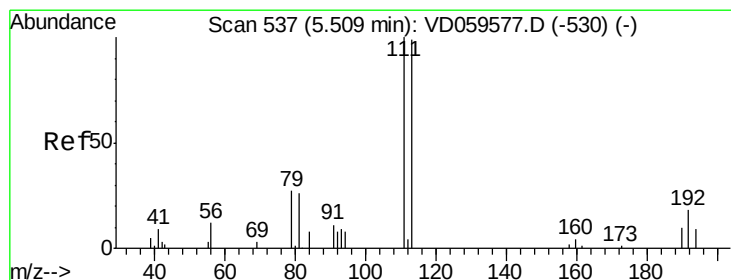
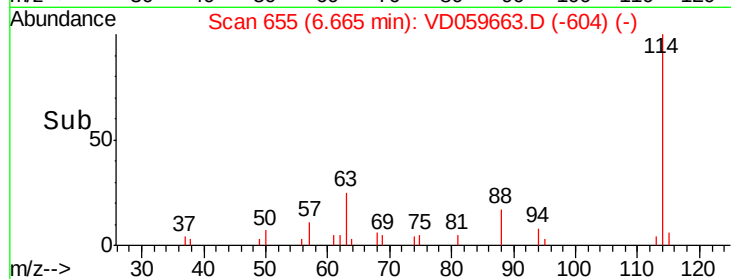
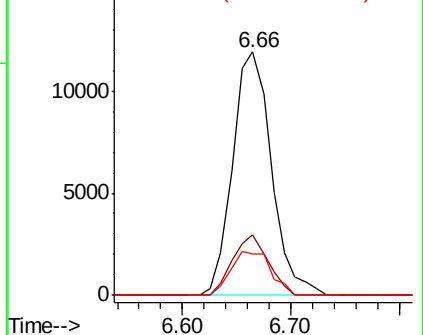
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059663.D
 Acq: 31 Jul 2018 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.B(8.0)-1A

Tot Ion:114 Resp: 29739
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 43.8
 88 16.9 0.0 39.0

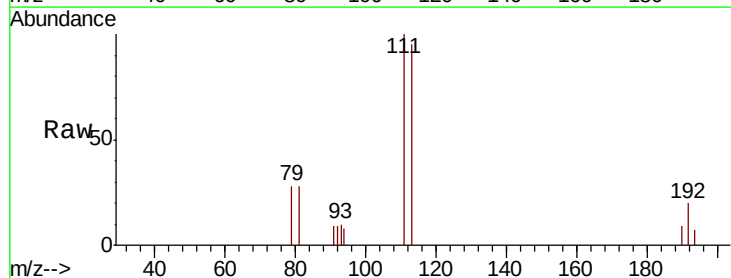


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

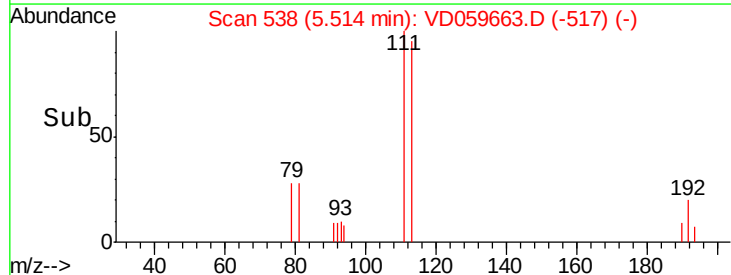
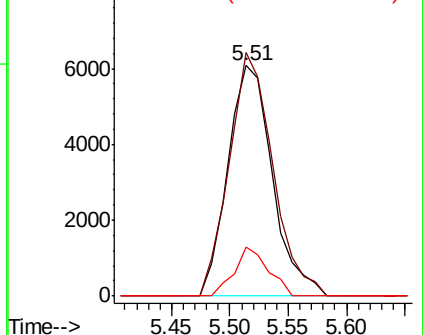


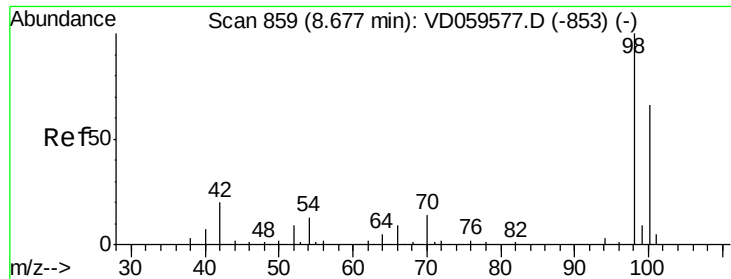
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.51 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VD059663.D
 Acq: 31 Jul 2018 19:47

Tgt Ion:113 Resp: 16114
 Ion Ratio Lower Upper
 113 100
 111 105.5 80.5 120.7
 192 21.5 14.5 21.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 860

Delta R.T. 0.00 min

Lab File: VD059663.D

Acq: 31 Jul 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

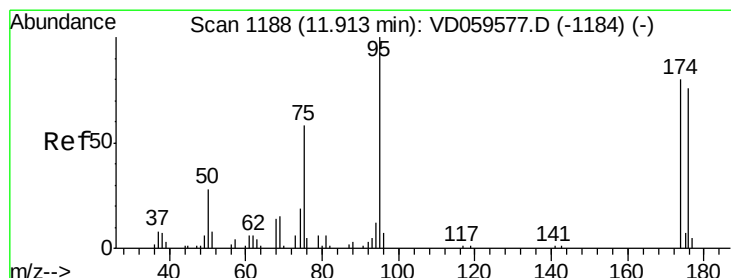
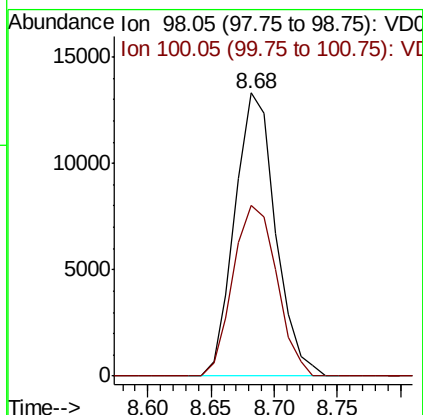
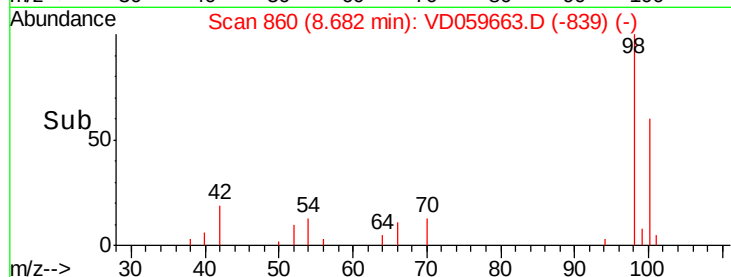
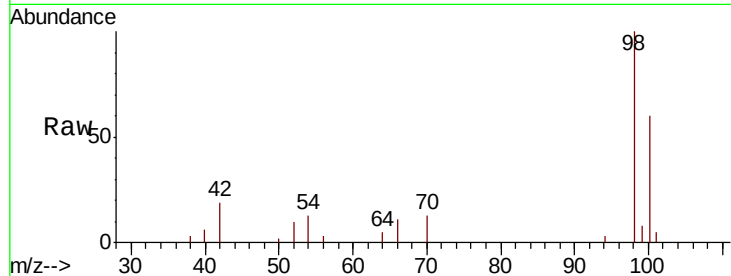
G.L.B(8.0)-1A

Tot Ion: 98 Resp: 29861

Ion Ratio Lower Upper

98 100

100 60.5 53.2 79.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059663.D

Acq: 31 Jul 2018 19:47

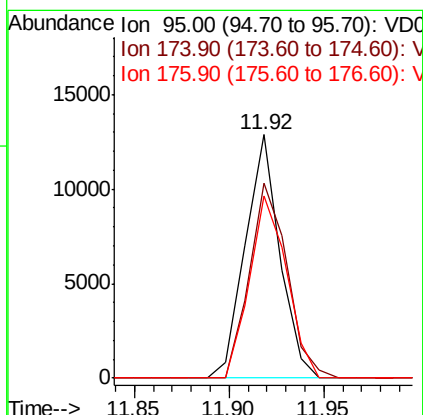
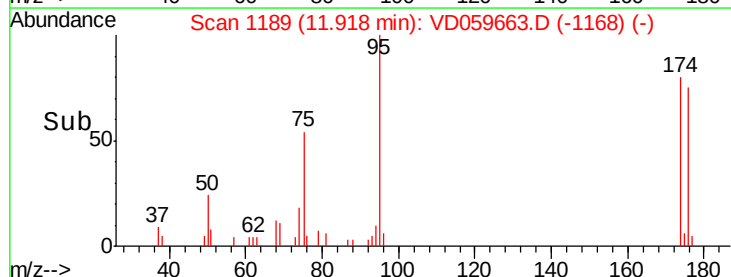
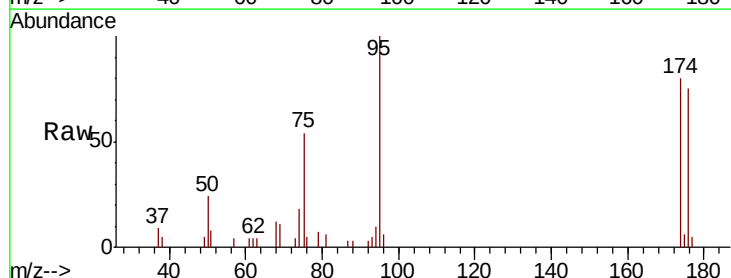
Tgt Ion: 95 Resp: 16217

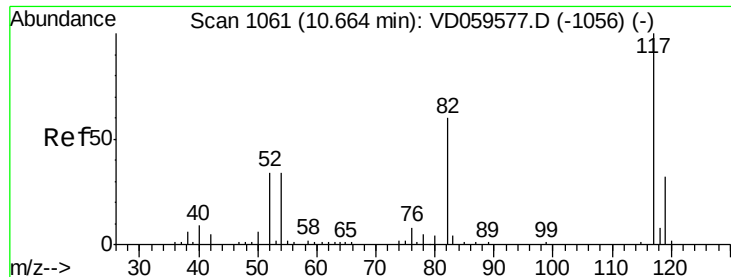
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.6

176 75.0 0.0 152.8

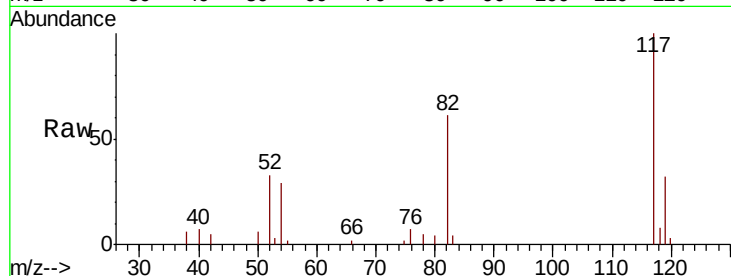




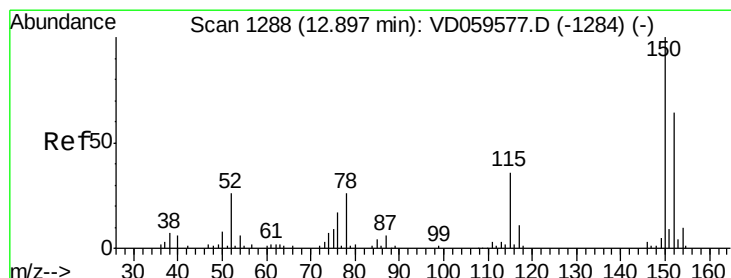
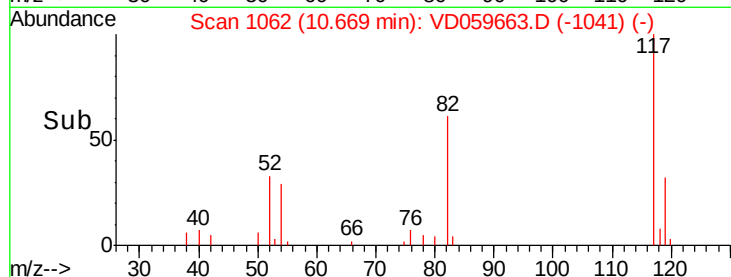
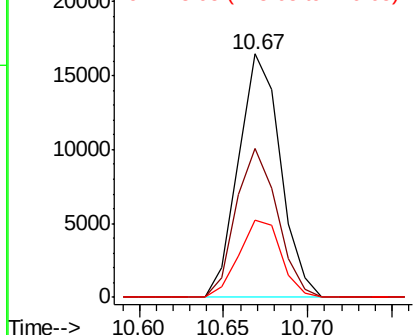
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VD059663.D
Acq: 31 Jul 2018 19:47

Instrument :
MSVOA_D
ClientSampleId :
G.L.B(8.0)-1A

Tot Ion:117 Resp: 28423
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.2
119 31.9 25.4 38.2

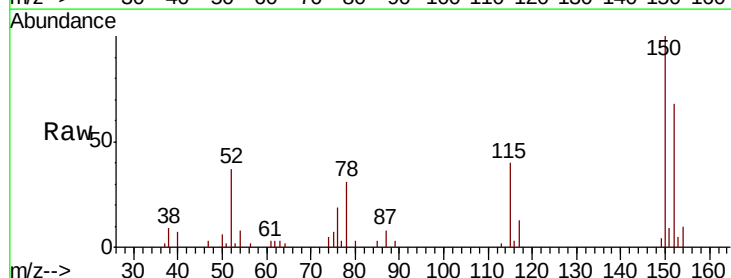


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059663.D
Acq: 31 Jul 2018 19:47

Tgt Ion:152 Resp: 15236
Ion Ratio Lower Upper
152 100
115 58.5 29.5 88.6
150 147.3 0.0 314.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

